

**re: Grading Plan Review**  
**Proposed Commercial Development**  
**2025 Mer Bleue Road – Phase 2 – Ottawa**  
**to: SmartCentres – Leah Axt - [Laxt@smartcentres.com](mailto:Laxt@smartcentres.com)**  
**date: July 23, 2025**  
**file: PG7042-MEMO.01**

---

Further to your request, Paterson Group (Paterson) prepared the current memorandum to document our grading plan review for the proposed commercial development to be located at 2025 Mer Bleue Road in the City of Ottawa. This memorandum should be read in conjunction with the current Geotechnical Investigation Report (Paterson Group Report PG7042-1 Revision 1 dated October 1, 2024).

## **1.0 Background Information**

Based on the above noted geotechnical investigation, the subsurface profile across the subject site consists of topsoil underlain by fill, followed by a silty clay deposit. The silty clay generally consists of a hard to stiff, brown silty clay crust to a depth of about 3.5 m, becoming a stiff to soft, grey silty clay below these depths. The silty clay is further underlain by a glacial till deposit.

Due to the presence of the silty clay deposit, a permissible grade raise restriction of 1.8 m above the existing ground surface was recommended for grading within 6 m of the building footprint. A permissible grade raise restriction of 2.2 m was recommended for the parking areas and access lanes.

## **2.0 Grading Plan Review**

Paterson reviewed the following drawing prepared by Stantec for the aforementioned development:

- Grading Plan – 2025 Mer Bleue Road, Ottawa - Project No. 160402122 – Drawing No. GP-1 – Sheet 4 of 7 - Revision 2 dated July 22, 2025.

From our review of the above-noted Grading Plan, and on the available soil information, the proposed grades are within the permissible grade raise restriction of 1.8 m inside and within 6 m of the building footprint, and 2.2 m for the parking areas and access lanes. Therefore, the proposed grading is acceptable, from a geotechnical perspective, and no lightweight fill or other considerations to accommodate the proposed grades are required.



We trust that this information satisfies your immediate requirements.

Best Regards,

**Paterson Group Inc.**

Udhaya Ramachandran, E.I.T.



Scott S. Dennis, P.Eng.

